<u>Amendments to the Claims</u>

1. (Currently Amended) A method for providing a compact interface for display of an object hierarchy having a plurality of levels, comprising:

 displaying a first level root node of the object hierarchy;

 upon selection of the first level root node, displaying a <u>pop-up window that includes a</u> listing of all second level child nodes of the first level root node immediately adjacent <u>and to a side of</u> the first level root node; and

 selecting one of the second level child nodes <u>from the listing of all second level child nodes included in the pop-up window</u>;

 wherein, upon selection of one of the second level child nodes, the <u>pop-up window that includes the</u> listing of all second level child nodes of the first level root node disappears, and <u>is replaced by</u> the selected second level child node<u>,</u> <u>which</u> is displayed immediately adjacent <u>and to the side of</u> the first level root node.

2. (Currently Amended) The method of claim 1, further comprising:

 upon selection of the displayed second level child node, <u>displaying a pop-up window that includes a</u> listing <u>of</u> all third level child nodes of the displayed second level child node immediately adjacent <u>and to a side of</u> the displayed second child node; and

 selecting one of the third level child nodes <u>from the listing of all third level child nodes included in the pop-up window</u>;

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wherein, upon selection of one of the third level child nodes, the <u>pop-up</u> window <u>that includes the</u> listing <u>of</u> all third level child nodes of the displayed second level child node disappears, and <u>is replaced by</u> the selected third level child node<u>, which</u> is displayed immediately adjacent <u>and to the side of</u> the displayed second child node.

3. (Currently Amended) The method of claim 2, further comprising:

selectively repeating the above-described steps for at least one subsequent level in the object hierarchy, wherein each selected node is displayed immediately adjacent <u>and to a side of</u> a selected node from a previous level of the object hierarchy.

4. (Original) The method of claim 3, wherein the first level root node and any selected nodes are displayed in a linear arrangement, wherein only a single node is displayed for each level of the object hierarchy.

5. (Currently Amended) The method of claim 4, further comprising, upon selection of one of the displayed nodes:

displaying a <u>pop-up window that includes a</u> listing of all sibling nodes of the selected displayed node, and a <u>pop-up window that includes a</u> listing of all child nodes of the selected displayed node adjacent the selected displayed node.

6. (Currently Amended) The method of claim 4, further comprising, upon selection of one of the displayed nodes:

displaying a pop-up window that includes a listing of at least one level of ancestor nodes of the selected displayed node, a pop-up window that includes a listing of all sibling nodes of the selected displayed node, and a pop-up window that includes a listing of all child nodes of the selected displayed node.

7. (Currently Amended) The method of claim 4, further comprising, upon selection of one of the displayed nodes:

displaying a pop-up window that includes a listing of each level of ancestor nodes of the selected displayed node, a pop-up window that includes a listing of all sibling nodes of the selected displayed node, and a pop-up window that includes a listing of each level of descendant nodes of the selected displayed node.

8. (Original) The method of claim 1, further comprising:

associating at least one of the displayed nodes with a functionality; and

upon selection of one of the displayed nodes, executing the functionality associated with the selected node.

9. (Currently Amended) A system for providing a compact interface for display of an object hierarchy having a plurality of levels, comprising:

a display system for displaying elements of the compact interface;

a system for selecting displayed elements of the compact interface; and

a system for updating the compact interface based of the elements selected by the selecting system;

wherein, upon selection of a displayed first level root node, a listing of all second level child nodes of the first level root node is displayed in a pop-up window immediately adjacent and to a side of the first level root node, and wherein, upon selection of one of the second level child nodes from the listing of all second level child nodes included in the pop-up window, the listing of all second level child nodes of the first level root node is no longer displayed, and is replaced by the selected second level child node, which is displayed immediately adjacent and to the side of the first level root node.

10. (Currently Amended) The system of claim 9, wherein, upon selection of the displayed second level child node, a listing of all third level child nodes of the second level child node is displayed in a pop-up window immediately adjacent and to a side of the second child node, and wherein, upon selection of one of the third level child nodes from the listing of all third level child nodes included in the pop-up window, the window listing all third level child nodes of the second level child node is no longer displayed, and is replaced by the selected third level child

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node, which is displayed immediately adjacent and to the side of the second child node.

11. (Currently Amended) The system of claim 10, wherein each selected node is displayed immediately adjacent and to a side of a selected node from a previous level of the object hierarchy.

12. (Original) The system of claim 11, wherein the first level root node and any selected nodes are displayed in a linear arrangement, wherein only a single node is displayed for each level of the object hierarchy.

13. (Currently Amended) The system of claim 12, wherein, upon selection of one of the displayed nodes, a pop-up window that includes a listing of all sibling nodes of the selected displayed node is displayed, and a pop-up window that includes a listing of all child nodes of the selected displayed node are displayed adjacent the selected displayed node.

14. (Currently Amended) The system of claim 12, wherein, upon selection of one of the displayed nodes, a pop-up window that includes a listing of at least one level of ancestor nodes of the selected displayed node, a pop-up window that includes a listing of all sibling nodes of the selected displayed node, and a pop-up window that includes a listing of all child nodes of the selected displayed node

are displayed adjacent the selected displayed node.

15. (Currently Amended) The system of claim 12, wherein, upon selection of one of the displayed nodes, a pop-up window that includes a listing of each level of ancestor nodes of the selected displayed node, a pop-up window that includes a listing of all sibling nodes of the selected displayed node, and a pop-up window that includes a listing of each level of descendant nodes of the selected displayed node are displayed adjacent the selected displayed node.

16. (Original) A compact interface for displaying an object hierarchy having a plurality of levels, comprising:

a first level root node of the object hierarchy;

a single second level node of the object hierarchy, wherein the second level node is a child of the first level root node; and

a single third level node of the object hierarchy, wherein the third level node is a child of the second level node;

wherein the first level root node, second level node, and third level node are displayed in a linear arrangement, wherein the first level root node and second level node are live, and wherein the third level node is live if it has any child nodes.

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17. (Currently Amended) The compact interface of claim 16, wherein, upon selection of a live node, a <u>pop-up window that includes a</u> listing of all child nodes of the selected live node is displayed adjacent the selected live node.

18. (Currently Amended) The compact interface of claim 16, wherein, upon selection of a live node, a <u>pop-up window that includes a</u> listing of all sibling nodes of the selected live node is displayed, and a <u>pop-up window that includes a</u> listing of all child nodes of the selected live node is displayed adjacent the listing of all sibling nodes.

19. (Currently Amended) The compact interface of claim 16, wherein, upon selection of a live node, a <u>pop-up window that includes a</u> listing of sibling nodes of the selected live node is displayed, a <u>pop-up window that includes a</u> listing of all child nodes of the selected live node is displayed adjacent the listing of all sibling nodes, and a <u>pop-up window that includes a</u> listing of at least one level of ancestor nodes of the selected live node is displayed adjacent the selected live node.

20. (Currently Amended) The compact interface of claim 16, wherein, upon selection of a live node, a <u>pop-up window that includes a</u> listing of sibling nodes of the selected live node is displayed, a <u>pop-up window that includes a</u> listing of each level of descendant nodes of the selected live node is displayed on a first

side of the listing of sibling nodes, and a <u>pop-up window that includes a</u> listing of each level of ancestor nodes of the selected live node is displayed on a second side of the selected live node.

21. (Currently Amended) A program product stored on a recordable medium for providing a compact interface for display of an object hierarchy having a plurality of levels, which when executed comprises:

      program code for displaying a first level root node of the object hierarchy;

      program code for displaying a <u>pop-up window that includes a</u> listing of all second level child nodes of the first level root node immediately adjacent <u>and to the side of</u> the first level root node, upon selection of the first level root node; and

      program code for causing the <u>pop-up window that includes the</u> listing of all second level child nodes of the first level root node to disappear upon selection of one of the second level child nodes, and for displaying the selected second level child node immediately adjacent <u>and to the side of</u> the first level root node.

22. (Currently Amended) The program product of claim 21, further comprising:

      program code for <u>displaying a pop-up window that includes a</u> listing all third level child nodes of the displayed second level child node immediately adjacent <u>and to a side of</u> the displayed second child node, upon selection of the displayed second level child node; and

      program code for causing the <u>pop-up</u> window <u>that includes the</u> listing <u>of</u> all

third level child nodes of the displayed second level child node to disappear, upon selection of one of the third level child nodes, and for displaying the selected third level child node immediately adjacent and to the side of the displayed second child node.

23. (Currently Amended) The program product of claim 22, further comprising:

program code for selectively repeating the above-described steps for at least one subsequent level in the object hierarchy, wherein each selected node is displayed immediately adjacent and to a side of a selected node from a previous level of the object hierarchy.

24. (Original) The program product of claim 23, wherein the first level root node and any selected nodes are displayed in a linear arrangement, wherein only a single node is displayed for each level of the object hierarchy.

25. (Currently Amended) The program product of claim 24, further comprising, upon selection of one of the displayed nodes:

program code for displaying a pop-up window that includes a listing of all sibling nodes of the selected displayed node, and a pop-up window that includes a listing of all child nodes of the selected displayed node adjacent the selected displayed node.

26. (Currently Amended) The program product of claim 24, further comprising, upon selection of one of the displayed nodes:

program code for displaying a <u>pop-up window that includes a</u> listing of at least one level of ancestor nodes of the selected displayed node, a <u>pop-up window that includes a</u> listing of all sibling nodes of the selected displayed node, and a <u>pop-up window that includes a</u> listing of all child nodes of the selected displayed node.

27. (Currently Amended) The program product of claim 24, further comprising, upon selection of one of the displayed nodes:

program code for displaying a <u>pop-up window that includes a</u> listing of each level of ancestor nodes of the selected displayed node, a <u>pop-up window that includes a</u> listing of all sibling nodes of the selected displayed node, and a <u>pop-up window that includes a</u> listing of each level of descendant nodes of the selected displayed node.

28. (Original) The program product of claim 21, further comprising:

program code for associating at least one of the displayed nodes with a functionality; and

program code for executing the functionality associated with the selected node, upon selection of one of the displayed nodes.